



330873

Alternative: Bldg Alternative 2		COST ESTIMATE SUMMARY			
Name: Onsite Consolidation and Temporary Cover					
Site: Eagle Zinc Location: Hillsboro, Illinois Phase: Building Demolition Base Year: 2008 Date: 6/22/2009 10:13	Description: Building Demolition; Disposal of ACM at Subtitle D landfill Decon of scrap metal and temporary storage onsite. Cost estimate includes credit for scrap value Transport and disposal at Subtitle D landfill of 1500 lbs of putrescible waste. Onsite Consolidation of 11,000 cy of demo debris from buildings. Temporary cover over 1.4 acre area (debris thickness of 5 ft)				
CAPITAL COSTS					
DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL	NOTES
Building Demolition Including Mobilization, including all planning documents Site Preparation ACM removal and disposal at Subtitle D Landfill Demolition to slab and transport to onsite disposal area Steel decon and onsite stockpile Demobilization PM, RD and CM SUBTOTAL	1	LS	2,279,091	\$2,279,091	Bodine Cost proposal less putrescible waste disposal cost and less steel salvage costs; Comparable REACT proposal was \$1,536,034.
Putrescible Waste Disposal Transport to Allied Waste Landfill in Litchfield, Ill. Waste Disposal at Allied Waste Landfill SUBTOTAL	1,510	TN	\$9.00	\$13,590	Bodine Proposal waste mass estimate (per USEPA); REACT Proposal unit cost Bodine Proposal waste mass estimate (per USEPA); REACT Proposal unit cost
Steel Salvage Value Steel salvage	2,593	TN	-\$280	(\$726,040)	Bodine Proposal steel mass and salvage volume estimate is 2,593 tons and salvage value was \$280/TN resulting in salvage value of \$726,040.
1.4 Acre Temporary Cover Construction Rough Grading of Consolidation Area Fine Grading Low Permeability Clay Layer (6-inches thick) Vegetation Layer (6-inches thick) Seeding Vegetation Cover SUBTOTAL	6,776	SY	\$4.96	\$33,592	Area of cover is 1.4 Acre to consolidate 11,000 cy to a depth of 5 ft. MEANS 17 03 0101 MEANS 17 03 0103 MEANS 17 03 0428 MEANS 18-05-0301 MEANS 18-05-0402
On-site Landfill: Demo Debris Loading and Placement Handling and Loading Transport and Placement On-site Landfill SUBTOTAL	11,906	CY	\$5.33	\$63,502	
Mobilization/Demobilization Subcontractor General Conditions SUBTOTAL	5% 15%			\$130,068 \$390,203 \$661,162	
Contingency Project Management Remedial Design Construction Management SUBTOTAL	15% 6% 8% 8%			\$489,377 \$225,114 \$300,151 \$300,151 \$825,416	10% Scope + 5% Bid (note: bid contingency lowered due to availability of 2 bids; PM, RD and CM of Building demo already included in bid costs) USEPA 2000, p. 5-13, \$100K - \$500K USEPA 2000, p. 5-13, \$100K - \$500K USEPA 2000, p. 5-13, \$100K - \$500K
TOTAL CAPITAL COST (2008 Dollars)				\$3,851,269	
Note: Note: Cost estimate based primarily on the more conservative Demolition Cost estimates from Bodine Environmental Services (May 20, 2008) and REACT Environmental Engineers Inc. (May 20, 2008).					

The enclosed Engineer's Estimate is only an estimate of possible construction costs for budgeting purposes. This estimate is limited to the conditions existing at its issuance and is not a guaranty of actual price or cost. Uncertain market conditions such as, but not limited to: local labor or contractor availability, wages, other work, material market fluctuations, price escalations force majeure events, and developing bidding conditions etc may affect the accuracy of this estimate. CH2M Hill is not responsible for any variance from this estimate or actual prices and conditions obtained.